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Appendix B.5

LTE Band 7



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	24.03	24.58	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	24.02	24.57	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.95	24.5	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.08	23.63	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.87	24.42	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.88	24.43	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.89	24.44	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.86	23.41	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.76	24.31	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.79	24.34	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.75	24.3	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.81	24.36	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.13	23.68	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.17	23.72	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.13	23.68	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.11	22.66	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.96	23.51	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.93	23.48	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.04	23.59	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.94	22.49	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.89	23.44	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.04	23.59	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.08	23.63	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.8	22.35	33	PASS
Band7	5MHz	64QAM	20775	1RB#0	22.06	22.61	33	PASS
Band7	5MHz	64QAM	20775	1RB#12	22.22	22.77	33	PASS
Band7	5MHz	64QAM	20775	1RB#24	22.07	22.62	33	PASS
Band7	5MHz	64QAM	20775	25RB#0	21.07	21.62	33	PASS

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Band7	5MHz	64QAM	21100	1RB#0	22	22.55	33	PASS
Band7	5MHz	64QAM	21100	1RB#12	22	22.55	33	PASS
Band7	5MHz	64QAM	21100	1RB#24	22.1	22.65	33	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.95	21.5	33	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.95	22.5	33	PASS
Band7	5MHz	64QAM	21425	1RB#12	22.07	22.62	33	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.01	22.56	33	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.81	21.36	33	PASS
Band7	5MHz	256QAM	20775	1RB#0	20.12	20.67	33	PASS
Band7	5MHz	256QAM	20775	1RB#12	19.06	19.61	33	PASS
Band7	5MHz	256QAM	20775	1RB#24	19.06	19.61	33	PASS
Band7	5MHz	256QAM	20775	25RB#0	19.04	19.59	33	PASS
Band7	5MHz	256QAM	21100	1RB#0	18.92	19.47	33	PASS
Band7	5MHz	256QAM	21100	1RB#12	19.15	19.7	33	PASS
Band7	5MHz	256QAM	21100	1RB#24	18.86	19.41	33	PASS
Band7	5MHz	256QAM	21100	25RB#0	18.88	19.43	33	PASS
Band7	5MHz	256QAM	21425	1RB#0	18.87	19.42	33	PASS
Band7	5MHz	256QAM	21425	1RB#12	18.95	19.5	33	PASS
Band7	5MHz	256QAM	21425	1RB#24	18.92	19.47	33	PASS
Band7	5MHz	256QAM	21425	25RB#0	18.81	19.36	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	24.04	24.59	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	24.09	24.64	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.98	24.53	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.15	23.7	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.69	24.24	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.97	24.52	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.99	24.54	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.84	23.39	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.23	23.78	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.85	24.4	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.78	24.33	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.89	23.44	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.3	23.85	33	PASS

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Band7	10MHz	16QAM	20800	1RB#49	23.1	23.65	33	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.14	22.69	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.97	23.52	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.12	23.67	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.03	23.58	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.87	22.42	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.06	23.61	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.04	23.59	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.82	23.37	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.9	22.45	33	PASS
Band7	10MHz	64QAM	20800	1RB#0	22.17	22.72	33	PASS
Band7	10MHz	64QAM	20800	1RB#24	22.28	22.83	33	PASS
Band7	10MHz	64QAM	20800	1RB#49	22.14	22.69	33	PASS
Band7	10MHz	64QAM	20800	50RB#0	21.08	21.63	33	PASS
Band7	10MHz	64QAM	21100	1RB#0	22.32	22.87	33	PASS
Band7	10MHz	64QAM	21100	1RB#24	22.19	22.74	33	PASS
Band7	10MHz	64QAM	21100	1RB#49	22.16	22.71	33	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.91	21.46	33	PASS
Band7	10MHz	64QAM	21400	1RB#0	22.03	22.58	33	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.89	22.44	33	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.84	22.39	33	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.9	21.45	33	PASS
Band7	10MHz	256QAM	20800	1RB#0	19.2	19.75	33	PASS
Band7	10MHz	256QAM	20800	1RB#24	19.17	19.72	33	PASS
Band7	10MHz	256QAM	20800	1RB#49	19.06	19.61	33	PASS
Band7	10MHz	256QAM	20800	50RB#0	19.07	19.62	33	PASS
Band7	10MHz	256QAM	21100	1RB#0	18.89	19.44	33	PASS
Band7	10MHz	256QAM	21100	1RB#24	19.01	19.56	33	PASS
Band7	10MHz	256QAM	21100	1RB#49	18.97	19.52	33	PASS
Band7	10MHz	256QAM	21100	50RB#0	18.83	19.38	33	PASS
Band7	10MHz	256QAM	21400	1RB#0	18.97	19.52	33	PASS
Band7	10MHz	256QAM	21400	1RB#24	18.86	19.41	33	PASS

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Band7	10MHz	256QAM	21400	1RB#49	18.8	19.35	33	PASS
Band7	10MHz	256QAM	21400	50RB#0	18.91	19.46	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.88	24.43	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.93	24.48	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.78	24.33	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.92	23.47	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.89	24.44	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.78	24.33	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	24.04	24.59	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.82	23.37	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.71	24.26	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.61	24.16	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.61	24.16	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.78	23.33	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.95	23.5	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.89	23.44	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.99	23.54	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.96	22.51	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.91	23.46	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.01	23.56	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.88	23.43	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.76	22.31	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.76	23.31	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.74	23.29	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.66	23.21	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.83	22.38	33	PASS
Band7	15MHz	64QAM	20825	1RB#0	22.02	22.57	33	PASS
Band7	15MHz	64QAM	20825	1RB#38	22.01	22.56	33	PASS
Band7	15MHz	64QAM	20825	1RB#74	22.02	22.57	33	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.95	21.5	33	PASS
Band7	15MHz	64QAM	21100	1RB#0	22.17	22.72	33	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.99	22.54	33	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.98	22.53	33	PASS

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Band7	15MHz	64QAM	21375	1RB#0	21.86	22.41	33	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.89	22.44	33	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.76	22.31	33	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.79	21.34	33	PASS
Band7	15MHz	256QAM	20825	1RB#0	18.98	19.53	33	PASS
Band7	15MHz	256QAM	20825	1RB#38	18.91	19.46	33	PASS
Band7	15MHz	256QAM	20825	1RB#74	19.1	19.65	33	PASS
Band7	15MHz	256QAM	20825	75RB#0	18.96	19.51	33	PASS
Band7	15MHz	256QAM	21100	1RB#0	18.64	19.19	33	PASS
Band7	15MHz	256QAM	21100	1RB#38	18.88	19.43	33	PASS
Band7	15MHz	256QAM	21100	1RB#74	18.95	19.5	33	PASS
Band7	15MHz	256QAM	21100	75RB#0	18.81	19.36	33	PASS
Band7	15MHz	256QAM	21375	1RB#0	18.78	19.33	33	PASS
Band7	15MHz	256QAM	21375	1RB#38	18.76	19.31	33	PASS
Band7	15MHz	256QAM	21375	1RB#74	18.77	19.32	33	PASS
Band7	15MHz	256QAM	21375	75RB#0	18.77	19.32	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.82	24.37	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.71	24.26	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.72	24.27	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.97	23.52	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.69	24.24	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.86	24.41	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.99	24.54	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.79	23.34	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.67	24.22	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.76	24.31	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.85	24.4	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.75	23.3	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.95	23.5	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.97	23.52	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.76	23.31	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.84	22.39	33	PASS

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Band7	20MHz	16QAM	21100	1RB#0	22.81	23.36	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.8	23.35	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.91	23.46	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.81	22.36	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.82	23.37	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.04	23.59	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.59	23.14	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.75	22.3	33	PASS
Band7	20MHz	64QAM	20850	1RB#0	22.1	22.65	33	PASS
Band7	20MHz	64QAM	20850	1RB#49	22.01	22.56	33	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.83	22.38	33	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.86	21.41	33	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.77	22.32	33	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.87	22.42	33	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.92	22.47	33	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.74	21.29	33	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.97	22.52	33	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.91	22.46	33	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.81	22.36	33	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.73	21.28	33	PASS
Band7	20MHz	256QAM	20850	1RB#0	19.04	19.59	33	PASS
Band7	20MHz	256QAM	20850	1RB#49	18.93	19.48	33	PASS
Band7	20MHz	256QAM	20850	1RB#99	18.94	19.49	33	PASS
Band7	20MHz	256QAM	20850	100RB#0	18.96	19.51	33	PASS
Band7	20MHz	256QAM	21100	1RB#0	18.75	19.3	33	PASS
Band7	20MHz	256QAM	21100	1RB#49	18.96	19.51	33	PASS
Band7	20MHz	256QAM	21100	1RB#99	18.94	19.49	33	PASS
Band7	20MHz	256QAM	21100	100RB#0	18.81	19.36	33	PASS
Band7	20MHz	256QAM	21350	1RB#0	18.71	19.26	33	PASS
Band7	20MHz	256QAM	21350	1RB#49	18.84	19.39	33	PASS
Band7	20MHz	256QAM	21350	1RB#99	18.7	19.25	33	PASS
Band7	20MHz	256QAM	21350	100RB#0	18.74	19.29	33	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.90	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.66	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.92	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.64	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.52	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.38	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.18	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.40	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.92	13	PASS
Band7	20MHz	256QAM	20850	100RB#0	6.38	13	PASS
Band7	20MHz	256QAM	21100	100RB#0	6.56	13	PASS
Band7	20MHz	256QAM	21350	100RB#0	6.26	13	PASS



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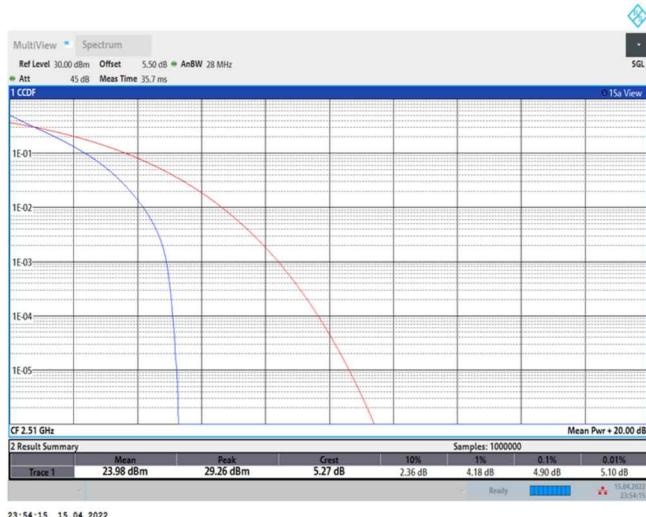
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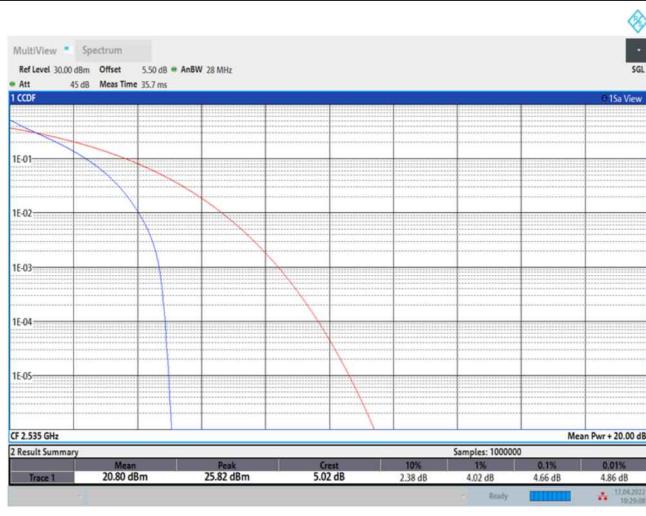
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Test Graphs

Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-100RB#0



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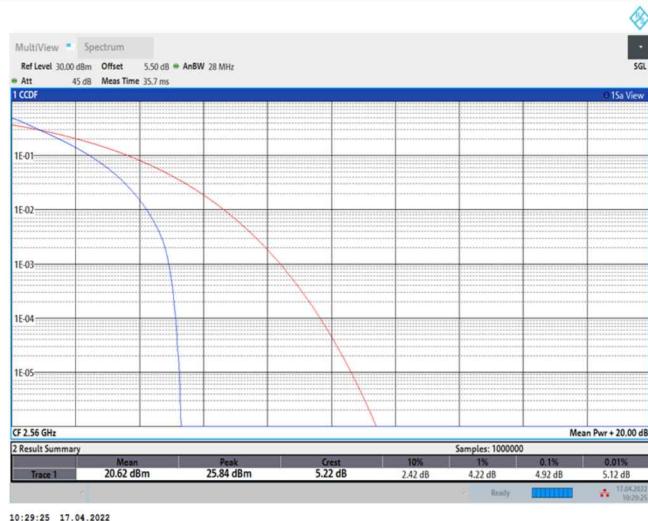
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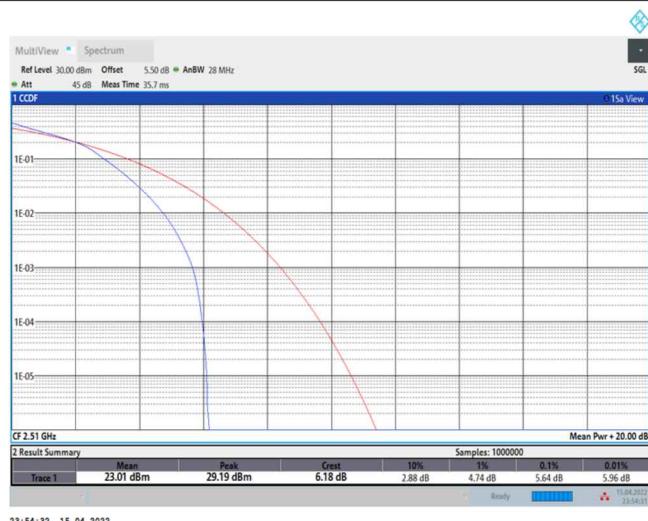
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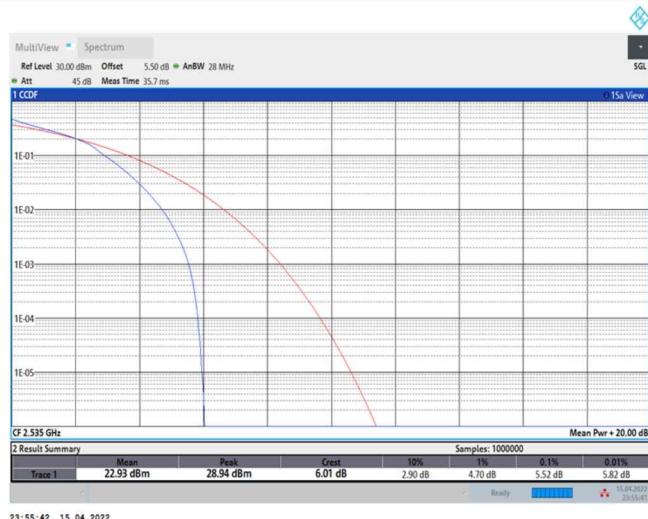
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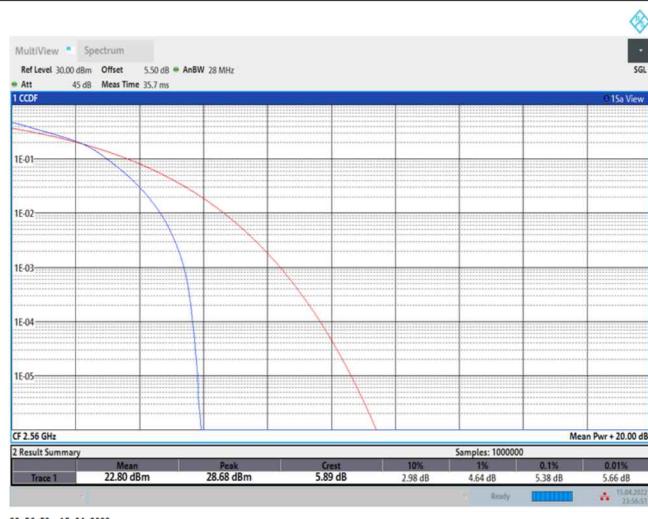
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Band7-20MHz-16QAM-21350-100RB#0



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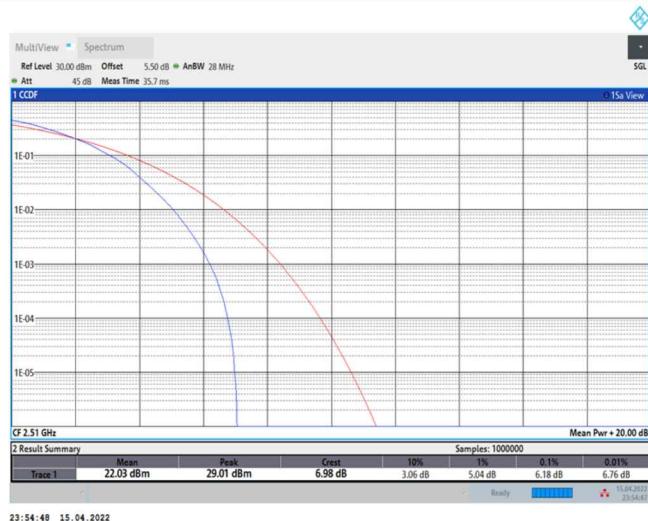
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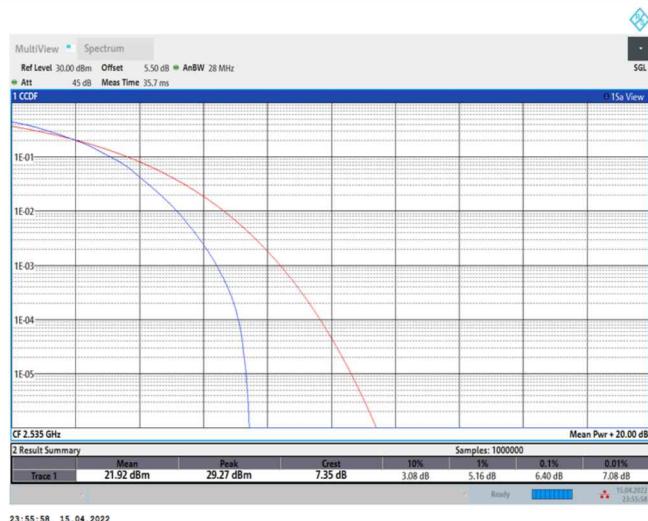
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Band7-20MHz-64QAM-20850-100RB#0



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